

CLAIMS

1. A method for thermally protecting the motor in a variable speed electric sprayer which operates to maintain a user-selected controlled pressure, the method comprising:

monitoring the temperature of said motor; and

5 reducing the controlled pressure from said user-selected controlled pressure when said motor temperature exceeds a predetermined level.
2. The method of claim 1 wherein said change occurs only after said motor temperature has exceeded said predetermined level for a predetermined length of time of motor operation.
- 10 3. A method for thermally protecting the motor in a variable speed electric sprayer which operates to maintain a user-selected controlled pressure, the method comprising:

monitoring the temperature of said motor; and

changing the control of said motor from variable speed control to on/off control

when said motor temperature exceeds a predetermined level.
- 15 4. The method of claim 3 wherein said change occurs only after said motor temperature has exceeded said predetermined level for a predetermined length of time of motor operation.
5. A method for thermally protecting the motor in a variable speed electric sprayer which operates to maintain a user-selected controlled pressure, the method comprising:

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monitoring the temperature of said motor;

reducing the controlled pressure from said user-selected controlled pressure when

said motor temperature exceeds a first predetermined level; and

changing the control of said motor from variable speed control to on/off control

5 when said motor temperature exceeds a second predetermined level.

6. The method of claim 5 wherein said second predetermined level is higher than said first predetermined level.

7. The method of claim 5 wherein said change occurs only after said motor temperature has exceeded said predetermined level for a predetermined length of time of
10 motor operation.